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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/046,745	01/17/2002	Elad Barkan	P-9485-US	2529
7590		08/29/2007		
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			EXAMINER	
			PERUNGA VOOR, VENKATANARAY	
			ART UNIT	PAPER NUMBER
			2132	
			MAIL DATE	DELIVERY MODE
			08/29/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/046,745	Applicant(s) BARKAN ET AL.	
	Examiner Venkat Perungavoor	Art Unit 2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 July 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 14-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 14-28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. The Applicant's arguments filed on 7/23/2007 are not persuasive. As Muftic(US Patent 5745574) discloses the issuing policy for documents see Fig. 16 item 1620. And this issuing of certificates it based on a request by user or CA(certificate authority) to grant new certificate based on old public key/private key contained in the old certificates see Fig. 14 item 1410-1450. And further, this new certificate is sent to the CA for signing see Fig. 14 item 1460.
2. The Applicant's second argument regarding the device being tied to the user is also not persuasive. As Micali discloses the device having data identifying the user see Col 3 Ln 13-24. This data is used primarily to check signatures and verifying the users.
3. The Examiner makes the following recommendations to expedite the prosecution on this instant application. Specifications mentions a credit card being read for information associated with the user and subsequently the read information is stored in a smart-card. This smart-card further generates a new certificate, where the new certificate permits the user to use smart card like a credit card to make purchases. Thereby transferring the functionality of credit card into the smart card. Further the specification mentions the embedding of multiple permits/certificated into the smart card thereby reducing the need to carry multiple card see Page 5-6 "For example: ..." . Future amendments along these lines would overcome the cited prior art.

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 102

5. Claims 14-19, 21-24, 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5604804 to Micali in view of U.S. Patent 5745574 to Muftic.
6. Regarding Claim 14, 22, Micali discloses the implementing in device a document issuing policy of the CA see Col 2 Ln 17-31; reading into device a certified document associated with user see Col 3 Ln 13-28; generating of behalf of CA a new certified document based on read document see Col 6 Ln 14-26. Although Micali discloses the certificate being generated associated with the user on behalf of CA, it more clearly expressed by Muftic see Fig. 8 item 830 & Fig. 16 item 1610. Where the certificate for subordinate CA is generated and whenceforth the subordinate CA has full authority to act as the parent CA. And additionally, Muftic discloses the subordinate CA and user being used interchangeably. It would be obvious to one having ordinary skill in the art at the time of the invention to include certificate being generated on behalf of CA in the invention of Micali in order to delegate authority and responsibilities as taught in Muftic see Fig. 1A.
7. Regarding Claim 15, Micali discloses the identity of device in form of digital signature stored with intermediate CA see Col 4 Ln 18-42.

8. Regarding Claim 16, 24, Micali discloses the policy attests to personal identifying information of user see Col 6 Ln 28-39.
9. Regarding Claim 17, Micali discloses the certified document being output thorough a secure channel see Col 5 Ln 20-36.
10. Regarding Claim 18, Micali discloses the digital documents being certificates and permits see Col 5 Ln 37-45.
11. Regarding Claim 19 and 21, 26, Micali discloses the signing of certificates and authorities along the path see Col 6 Ln 14-26.
12. Claims 20 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5604804 to Micali in view of U.S Patent 5872848 to Romney et al. further in view of U.S Patent 5745574 to Muftic.
13. Regarding Claim 20 and 25, Micali does not disclose the biometric unit being used.

However, Romney discloses the biometric unit being used see Fig. 2 item 250. It would be obvious to one having ordinary skill in the art at the time of the invention to include the biometric unit in the invention of Micali in order to provide for additional security feature to document.

14. Claims 27 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent 5604804 to Micali in view of U.S. Patent 5721781 to Deo further in view of U.S. Patent 5745574 to Muftic.

15. Regarding Claim 27 and 28, Micali does not disclose the wristwatch and smart card device. However, Deo discloses the wristwatch and smart card device see Col 4 Ln 21- 35. It would be obvious to one having ordinary skill in the art at the time of the invention to include the wristwatch and smart card device in the invention of Micali in order to use conventional electronics.

Conclusion

16. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a). A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

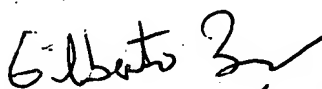
17. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Venkat Perungavoor whose telephone number is 571-272-7213. The examiner can normally be reached on 8:30-5:00. If attempts to reach the examiner by

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telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

18. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/VP/
Venkat Perungavoor
Examiner
Art Unit 2132
August 23, 2007


GILBERTO BARRON JR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100